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INFORMATION DISCLOSURE	Application Number		10711692	
	Filing Date	-	2004-09-30	
	First Named Inventor Micha		nael J. Hier	
STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99)	Art Unit		3616	
( NOT TO! Submission under 37 OFK 1.99)	Examiner Name	Drew	J. Brown	
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Application Number		10711692				
Filing Date		2004-09-30				
First Named Inventor Micha		el J. Hier				
Art Unit		3616				
Examiner Name Drew		v J. Brown				
Attorney Docket Number		MASL-68				

DB	1	BLANKENSHIP, GREGORY A., U.S. Patent and Application No. 10/904,010.	LANKENSHIP, GREGORY A., U.S. Patent and Trademark Office, Office Action Dated 12/28/2006 in related pplication No. 10/904,010.								
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DB	1	5702810	A.	1997-12	-30	Koseki et al.					
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( NOT 101 Subinission under 57 Of K 1.55)	Examiner Name	Drew	J. Brown	
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First Named Inventor Micha		I J. Hier				
Art Unit	1	3616				
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( NOT TOT SUDMISSION UNDER 37 OFK 1.99)	Examiner Name	Drew J. Brown
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First Named Inventor	Mich	nael J. Hier			
Art Unit	<b>-1</b>	3616			
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	Filing Date	20	004-09-30	
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STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		3616	
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	2	6616216	B2	2003-09-09	Furuyama et al.			
	3	6764621	B2	2004-07-20	Schwaighofer			
	4	6827799	B2	2004-12-07	Zimmer et al.	·		
	5	6857688	B2	2005-02-22	Morrison et al.			
	6	7018702	B2	2006-03-28	Hacke			
	7	7045206	B1	2006-05-16	Granata et al.	<u>.</u>		
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DB	1	3833964	Α	1974-09-10	Harcourt	·					
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DB	1	United States Patent and Trademark Office, Notice of Allowance in related Application Serial No. 10/904,433, mailed July 6, 2006									
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Filing Date		2004-09-30				
First Named Inventor	Mich	nael J. Hier				
Art Unit		3816				
Examiner Name	Drev	w J. Brown				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	First Named Inventor Micha		hael J. Hier	
	Art Unit		3616	
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		2	4470936	Α	1984-09-11	Potter			
		3	4958883	Α	1990-09-25	lwaki et al.			
		4	5591078	Α	1997-01-07	Filion et al.			
		5	5783293	Α	1998-07-21	Lammi			
		6	5934730	A	1999-08-10	Yagishita et al.			
		7	6402189	B1	2002-06-11	Gray et al.	•		
DB		8	6431600	B1	2002-08-13	Freisler et al.			

Application Number	10711692	
Filing Date	2004-09-30	
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	11	6554350	B2	2003-04-29	Takahara			
	12	6627134	B2	2003-09-30	Thomson			
	13	6644727	B2	2003-11-11	Audibert et al.			
DB	14	6706365	B2	2004-03-16	Akasaka et al.			
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DB	2	20030075833	A1	2003-04-24	Thomson			
DB	3	20040032055	A1	2004-02-19	Cavallaro et al.			
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10711692 Filing Date 2004-09-30 First Named Inventor Michael J. Hier Art Unit 3616 Examiner Name Drew J. Brown Attorney Docket Number MASL-68

DB	4	20050046075	A1	2005-03	3-03	Youngs et al.					
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INFORMATION DISCLOSURE	Application Number Filing Date	_	10711692 2004-09-30	
	First Named Inventor Mich		chael J. Hier	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		3616	
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	Application Number		10711692	
	Filing Date		2004-09-30	
INFORMATION DISCLOSURE	First Named Inventor Michael		vlichael J. Hier	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		3616	
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Filing Date		2004-09-30			
First Named Inventor	Micha	nael J. Hier			
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Examiner Name	Drew	J. Brown			
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	Application Number		10711692	
	Filing Date	-	2004-09-30	
INFORMATION DISCLOSURE	First Named Inventor		Michael J. Hier	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		3616	
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#### **Application Number** 10711692 Filing Date 2004-09-30 INFORMATION DISCLOSURE First Named Inventor Michael J. Hier STATEMENT BY APPLICANT **Art Unit** 3616 ( Not for submission under 37 CFR 1.99) **Examiner Name** Drew J. Brown **Attorney Docket Number** MASL-68 1 If you wish to add additional non-patent literature document citation information please click the Add button Add **EXAMINER SIGNATURE** Date Considered **Examiner Signature** 1/22/07 \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> See Kind Codes of USPTO Patent Documents at <u>www.USPTO.GOV</u> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO

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SERIAL NO. U.S. DEPARTMENT OF COMMERCE SUBSTITUTE FORM PTO-1449 10/711,692 PATENT AND TRADEMARK OFFICE MASL/68 (MODIFIED) **APPLICANT** INFORMATION DISCLOSURE STATEMENT BY APPLICANT Michael J. Hier et al. **GROUP** FILING DATE (Use several sheets if necessary) September 30, 2004 3616 (37 CFR 1.98(b)) **U.S. PATENT DOCUMENTS** FILING DATE ISSUE EXAMINER IF APPROPRIATE **CLASS** DATE SUBCLASS PATENTEE PATENT NUMBER 05/18/1982 Doerer A.A 3 3 0 5 8 4 4 8/6/1985 362 80 6 6/2/1987 A.B 7 8 9 Boerema et al: 0 2005 280 731 7/13/1989 3/26/1991 Heidom 5 2 0 A.C 0 0 2 03/17/1992 Combs et al. 5 A.D 0 9 6 296 146.7 2/22/1993 3/29/1994 Hayashi 5 9 2 A.E 2 4 280 751 3/31/1994 5 3/7/1995 Lim et al. A.F 3 9 2 5 04/18/1995 5 2 Cooper A.G 0 4 10/29/1993 428 690 7/18/1995 3 Fernandez 3 0 A.H 4 264 6/16/1994 5 6 46.4 1/16/1996 Weber et al. 5 8 4 4 A.I 1/30/1995 153 296 8 5 5 2 6/18/1996 Scherf 0 A.J 728.3 12/11/1996 ° DB 7/14/1998 2 280 Totani et al. 5 6 2 A.K 9 FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION **COUNTRY OR DOCUMENT PUBLICATION** (YES/NO) CLASS SUBCLASS PATENT OFFICE DATE NUMBER **B29C** Abstract Only 43/18 DB 01/16/1996 Japan A.L JP8011145 B60R 21/20 Abstract Only JP JP 11 123999 05/1999 A.M **Abstract Only** DE 05/12/2001 DE 10123207 A.N **Abstract Only** 07/21/1999 DE DE 19934249 A.O **Abstract Only** DE A.P DE 10104036 08/23/2001 DB N/A EP 01/16/1991 EP 0408202 A.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) Totani et al., United States Patent Application Publication No.: US 2003/O209890, Publication Date: 11/13/2003 DB A.R The UK Patent Office, Combined Search and Examination Report for Related Application No. GB 0521009.1, Date of A.S DB Search: 12/15/2005 The UK Patent Office, Combined Search and Examination Report for Related Application No. GB521007.5, Date of Search: A.T DB 12/22/2005 DATE CONSIDERED **EXAMINER** 1/22/07 W EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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September 30, 2004

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL			PA	TEN	IT N	UМ	BEF	₹	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DB	C.A	6	5	3	6	9	2	8	3/25/2003	Hein et al.	362	464	3/2/2001
1	С.В	6	5	4	4	4	4	9	04/08/2003	Gardner			
	C.C	6	5	7	8	8	9	5	6/17/2003	Tom	296	97.1	12/5/2001
	C.D	6	6	1	9	7	1	8	9/16/2003	Tiesler	296	97.1	2/25/2002
	C.E	6	6	5	7	1	5	8	12/2/2003	Skelly et al.	219	121.71	6/4/2002
	C.F	6	6	9	8	8	1	4	3/2/2004	Mills et al.	296	97.11	10/2/2002
	C.G	6	7	0	8	4	6	2	3/23/2004	Pokorzynski et al.	42	716.5	3/7/2001
	С.Н	6	7	4	2	8	3	0	6/1/2004	Zimmerman et al.	296	146.7	1/31/2003
	C.I	6	7	9	3	1	8	1	9/21/2004	Hallock	244	129.1	7/22/2003
	C.J	6	8	3	7	5	4	4	1/4/2005	Bornchen et al.	297	411.21	6/3/2003
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#### FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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DB	C.L	FR2796610	01/26/2001	France	B60R	21/20	Abstract Only
1	C.M	GB2403683	1/12/2005	GB	B29C 44/O8	44/12	N/A
	C.N	JP 10291431	11/O4/1998	JP			Abstract Only
	C.O	JP 2005119404	05/12/2005	JP			Abstract Only
	C.P	JP 11070604	03/16/1999	JP			Abstract Only
DR	C.Q	JP 2000016216	1/18/2000	JP .	B60R 21/20		Abstract Only

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

03	C.R	The UK Patent Office, Combined Search and Examination Report in Related Application No. GB0520991.1, Date of Search: 1/19/2006
DB	C.S	The UK Patent Office, Combined Search and Examination Report in Related Application No. GB0522255.9, Date of Search: 12/31/2005
DB	C.T	The UK Patent Office, Combined Search and Examination Report in Related Application No. GB0520998.6, Date of Search: 12/23/2005

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• • Sheet 4 (D) of 4 SUBSTITUTE FORM PTO-1449 SERIAL NO. ATTY. DOCKET NO. U.S. DEPARTMENT OF COMMERCE 10/711,692 PATENT AND TRADEMARK OFFICE MASU68 (MODIFIED) **APPLICANT** INFORMATION DISCLOSURE Michael J. Hier et al. STATEMENT BY APPLICANT FILING DATE **GROUP** (Use several sheets if necessary) September 30, 2004 3616 (37 CFR 1.98(b)) U.S. PATENT DOCUMENTS FILING DATE ISSUE EXAMINER IF APPROPRIATE **SUBCLASS PATENTEE** CLASS DATE INITIAL PATENT NUMBER 146.7 12/30/2003 296 8 5/31/2005 6 9 9 3 Kim DB D.A 5/18/2004 146.7 2 296 9 9 8/16/2005 Radu et al. **D.8** 6 9 3 0 3/16/2004 296 146.7 9 5 2 10/18/2005 Dry 6 9 5 D.C 296 8/11/2003 1.09 8 1/10/2006 6 6 Scheidmantal et al. D.D 9 71 5/6/2003 428 6 9 DB 1/31/2006 Cowelchuk et al. D.E D.F D.G D.H D.I D.J D.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION **PUBLICATION** COUNTRY OR DOCUMENT (YES/NO) PATENT OFFICE SUBCLASS CLASS DATE NUMBER **Abstract Only** B29C 45/14 JP B29C 45/16 9/17/1993 DB JP05237871 D.L **Abstract Only** B29C 33/12 B29C 45/14 JP JP08183059 7/16/1996 D.M B29C 69/O2 **Abstract Only** B29C 45/16 JP 10/26/1999 D.N JP11291288 **Abstract Only** B29C 45/26 B29C 45/14 JP 4/9/2003 D.O JP2003103676 **Abstract Only** B29C 45/16 B29C 33/12 JP 9/24/2003 JP2003266476 D.P N/A WO DB 04/12/2001 D.Q WO 01/25055 OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) Hayashi et al., United States Patent Application Publication No.: US2004/O202824, Publication Date: 10/14/2004 DB D.R The UK Patent Office, Combined Search and Examination Report in Related Application No. GB0520995.2, Date of Search: D.S DB 12/22/2005

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The UK Patent Office, Combined Search and Examination Report of Related Application No. GB521012.5, Date of Search:

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Sheet 1 (A) of 8 ATTY. DOCKET NO. SUBSTITUTE FORM PTO- 449 SERIAL NO. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 10/711,692 MASL/68 (MODIFIED) TON DISCLOSURE APPLICANT Michael J. Hier et al. STATEMENT BY APPLICANT **GROUP** FILING DATE (Use several sheets if necessary) September 30, 2004 3616 (37 CFR 1.98(b)) , U.S. PATENT DOCUMENTS FILING DATE ISSUE EXAMINER IF APPROPRIATE **SUBCLASS** CLASS DATE PATENTEE PATENT NUMBER INITIAL DB 114 343 Lacasse et al. 2/5/1991 9 8 5 9 5 3 A.A 4 304.4 12/12/1995 428 5 Matsuki et al. A.B 220 339 5 2/10/1998 Nagano et al. 6 5 9 6 A.C 220 326 0 12/21/1999 6 0 Allison et al. A.D 3 6 37.8 296 9/12/2000 Alison et al. 6 4 A.E 6 6 266 264 11/21/2000 5 3 Luckett et al. A.F 6 3.61 62 Hughes et al. 7/2/2002 6 2 4 A.G 296 189 2 11/5/2002 Lemmon et al. A.H 37.8 296 3 12/24/2002 Worrell et al. 4 6 A.I 4 62 62 3/4/2002 6 2 Barrow 6 A.J 6 5 2 37.8 DB 296 8 5 7/8/2003 Worrell et al. 6 8 8 A.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION COUNTRY OR **DOCUMENT PUBLICATION** (YES/NO) SUBCLASS **CLASS** PATENT OFFICE DATE NUMBER A.L A.MA.N A.O A.P A.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) Kifer et al., United States Patent Publication No. 20010030436, Publication Date: 10/18/2001 DB A.R Slone et al., United States Patent Publication No. 20040035119, Publication Date: 2/26/2004 DB A.S Cauchy, United States Patent Publication No. 20040068992, Publication Date: 4/15/2004 PP A.T DATE CONSIDERED EXAMINER 1/22/07

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Sheet 5 (E) of <u>8</u> U.S. DEPARTMENT OF COMMERCE SERIAL NO. ATTY, DOCKET NO. **SUBSTITUTE FORM PTO-1449** 10/711,692 PATENT AND TRADEMARK OFFICE MASL/68 (MODIFIED) **APPLICANT** INFORMATION DISCLOSURE Michael J. Hier et al. STATEMENT BY APPLICANT FILING DATE GROUP (Use several sheets if necessary) **September 30, 2004** 3616 (37 CFR 1.98(b)) U.S. PATENT DOCUMENTS FILING DATE ISSUE EXAMINER IF APPROPRIATE **CLASS** SUBCLASS DATE PATENTEE PATENT NUMBER INITIAL E.A E.B E.C E.D E.E E.F E.G E.H E.1 E.J Ė.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION **COUNTRY OR PUBLICATION** DOCUMENT (YES/NO) CLASS SUBCLASS PATENT OFFICE DATE NUMBER E.L E.M E.N E.0 E.P E.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) Hier et al., United States Patent Application Serial No. 10/904,033, Filing Date: October 20, 2004 DB E.R DePue, United States Patent Application Serial No. 10/904,433, Filing Date: November 10, 2004 DB E.S

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Cowelchuk et al, United States Patent Application Serial No. 10/904,409, Filing Date: November 9, 2004

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Hughes et al., United States Patent Publication No. 20020078695, Publication Date: 7/27/2002

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EXAMINER							DATE CONS		D 7						
EXAMINER: Include a cor	EXAMINER: Initial if citation considered, whether or not in conformance. Draw line Include a copy of this form with next communication to applicant.									)raw line throu	igh citat	tion only if not	in confort	mance <u>a</u>	nd not considered.

#### **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

#### Electronic Version v18

Stylesheet Version v18.0

Title of Invention

INFLATABLE AIRBAG CUSHION FORMED WITH A BLOWN ELASTOMER CORE AND METHODS OF USING AND MANUFACTURING SAME

**Application Number:** 

10/711692

5691

**Confirmation Number:** 

First Named Applicant:

Michael Hier

Attorney Docket Number:

MASL-68

Art Unit:

3616

Examiner:

Search string:

( 3400979 or 4781956 or 4810452 or 5040335 or 5071605 or 5073318 or 5224299 or 5387390 or 5445430 or 5536351 or 5571597 or 5573617 or 5590901 or 5626382 or 5663210 or 5692711 or 5709925 or 5792413 or 5799385 or 5803415 or 5810388 or 5816609 or 5951094 or 5976289 or 6012735 or 6013210 or 6017617 or 6210613 or 6214157 or 6248200 or 6251326 or 6319438 or 6364351 or 6368093 or 6391232 or 6544449 or 6688640 or 6764633 or 20010047899 or 20020043861 or

20020066972 or 20020153741 or 20030184064 or 20030209888 or 20030209892

or 20040119267 or 20040119268 ).pn

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
DB	1	3400979	1968-09-10	James et al.		297	412
	2	4781956	1988-11-01	Zimmermann et al.		428	43
	3	4810452	1989-03-07	Taillefert et al.		264	247
1	4	5040335	1991-08-20	Grimes		49	502
	5	5071605	1991-12-10	Kawaguchi et al.		264	45.2
	6	5073318	1991-12-17	Rohriach et al.		264	46.5
	7	5224299	1993-07-06	Abe		49	502
	8	5387390	1995-02-07	Kornylo		264	46.8
	9	5445430	1995-08-29	Nichols	•	296	153
	10	5536351	1996-07-16	Rheinlander et al.		156	212
	11	5571597	1996-11-05	Gallagher et al.		428	152
	12	5573617	1996-11-12	Franck et al.		156	196
	13	5590901	1997-01-07	MacGregor		280	728.3
	14	5626382	1997-05-06	Johnson et al.		296	146.7
DB	15	5663210	1997-09-02	Sugimoto et al.		521	81

DB	16	5692711	1997-12-02	Tucker		248	118
	17	5709925	1998-01-20	Spengler et al.		428	198
	18	5792413	1998-08-11	Ang et al.		264	515
	19	5799385	1998-09-01	Vecchiarino et al.		29	469
	20	5803415	1998-09-08	Konishi et al.		248	18
	21	5810388	1998-09-22	Berardi et al.		280	728.3
	22	5816609	1998-10-06	Gray et al.		280	728.3
	23	5951094	1999-09-14	Konishi et al.		296	153
	24	5976289	1999-11-02	Kawakubo et al.		156	78
	25	6012735	2000-01-11	Gray et al.	"	280	728.2
	26	6013210	2000-01-11	Gardner, Jr.		264	40.1
	27	6017617	2000-01-25	Gardner, Jr.		428	309.9
	28	6210613	2001-04-03	Stein et al.	B1	264	45.4
	29	6214157	2001-04-10	Sjpengler	B1	156	304.6
	30	6248200	2001-06-19	Dailey et al.	B1	156	245
	31	6251326	2001-06-26	Siano et al.	B1	264	328.8
	32	6319438	2001-11-20	Smith et al.	B1	264	75
	33	6364351	2002-04-02	Hier et al.	B1	280	732
	34	6368093	2002-04-09	Vecchiarino et al.	B1	425	130
	35	6391232	2002-05-21	Fritsch	B1	264	46.6
	36	6544449	2003-04-08	Gardner	B1	264	46.5
	37	6688640	2004-02-10	Davis, Jr. et al.	B1	280	728.3
DB	38	6764633	2004-07-20	Takahashi et al.	B2	264	259

#### **US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
DB	1	20010047899	2001-12-06	lkeda .	A1	180 .	90
1	2	20020043861	2002-04-18	Meadows	A1	297	411.21
	3	20020066972	2002-06-06	Fritsch	A1	264	46.4
	4	20020153741	2002-10-24	Speelman et al.	A1	296	70
	5	20030184064	2003-10-02	Hier et al.	A1	280	732
	6	20030209888	2003-11-13	Davis, Jr. et al.	A1	280	728.3
	7	20030209892	2003-11-13	Hier et al.	A1	280	732
	8	20040119267	2004-06-24	Cowelchuck et	A1	280	728.3
				al.			
DB	9	20040119268	2004-06-24	Davis, Jr. et al.	A1	280	728.3

#### Remarks

Note: Remarks are not for responding to an office action.

This submission is a Supplemental Information Disclosure Statement. Applicant believes that this communication is being mailed before a first action on the merits and, therefore, no fee is

due. If this is not the case, the Commissioner	is authorized	to charge deposit	account 23-3000
for any required fees.			

#### Signature

Examiner Name	Date
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(5995380 or 6168188 or 6217098 or 6433728 or 6568707 or 6652793 or 6756004

).pn

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
D3	1	5995380	1999-11-30	Maue et al.		361	826
1	2	6168188	2001-01-02	Preisler et al.	B1	280	728.3
	3	6217098	2001-04-17	O'Brien et al.	B1	296	70
	4	6433728	2002-08-13	Krupp et al.	B1	341	176
	5	6568707	2003-05-27	Hier et al.	B2	280	732
	6	6652793	2003-11-25	Corrion et al.	B2	264	242
DB	7	6756004	2004-06-29	Davis, Jr. et al.	B2	264	255

#### **Signature**

Examiner Name	Date
and The	1/22/07